	EQUIPMENT LIS		PHASE CHAR	T
	A. EQUIPMENT T	O BE SUPPLIED BY THE ADMINISTRATION.	1 2 3 4 5 6 7 8 9 10 11 12	13 14 15 37 43 39 4Ø 41 42
PROJECT DESCRIPTION	CODE NO.	DESCRIPTION QUANTITY MASTER / OCAL CONTROLLER.5 FOR BATTERY BACKUP. 1 EA		
<u>GENERAL</u>	900000	AND S-TYPE CABINET W/ ALL NECESSARY EQUIPMENT	(G)	R R R DW DW DW DW DW TA
THIS PROJECT INVOLVES RECONSTRUCTION OF THE EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 202 (LARGO ROAD) AND CAMPUS WAY SOUTH IN		HOUSED IN A BASE MOUNTED CABINET	1 & 6 Change	R R R DW DW DW DW
PRINCE GEORGE'S COUNTY.	900000	VIDEO DETECTION INTERFACE UNIT 5-6 CAMERAS 1 EA		R R R FL/DW FL/DW FL/DW DW DW DW
MD 202 (LARGO ROAD) IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.	900000	FLAT SHEET ALUMINUM SIGNS CONSISTING OF: 134 SF	2 & 6 Change	R R R DW DW DW DW DW O——O————————————————————
	1 EA	R3-5R (30"x36") "RIGHT ONLY" MAST ARM MOUNTED SIGN R3-5L (30"x36") "LEFT ONLY" MAST ARM MOUNTED SIGN	2 & 5 Change	R R R DW DW DW DW DW H
INTERSECTION OPERATION	1 EA	R4-7 (30"x36") KEEP RIGHT (SYMBOL) GROUND-MOUNTED SIGN	3 Change	R R R DW DW DW DW DW 1 V
THE PROPOSED TRAFFIC SIGNAL SHALL HAVE A BASE-MOUNTED CABINET AND CONTROLLER WITH ALL THE NECESSARY EQUIPMENT INSTALLED AT THE	1 EA 1 EA	R3-6L (30"x36") "SHARED LEFT AND THRU" MAST ARM-MOUNTED SIR3-5a (30"x36") "THUR" MAST ARM MOUNTED SIGN	4 Change	
INTERSECTION. THE INTERSECTION WILL OPERATE IN A FULLY-ACTUATED MODE USING 6 NEMA PHASES. THE MD 202 APPROACHES SHALL OPERATE		R10-3(1) (9"x15") COUNTDOWN PEDESTRIAN PUSHBUTTON SIGN "TO CROSS CAMPUS WAY SOUTH"	Phase 3 ALT ◀R- ◀R- ◀R- R ◀R- ₹R- ₹R-	R R R DW DW DW WK WK O H
CONCURRENTLY WITH AN EXCLUSIVE LEFT-TURN PHASE, CAMPUS WAY SOUTH SHALL OPERATE IN A SPLIT-PHASE MODE, WITH FIRE PRE-EMPTION FOR	2 EA 2 EA	W11-2(R) (36"X36") PEDESTRIAN CROSSING W11-2(L) (36"X36") PEDESTRIAN CROSSING	3 ALT Change	R R R DW DW DW DW DW DW T
THE CAMPUS WAY SOUTH WESTBOUND DIRECTION.		W16-7pR (24"x12") RIGHT DIAGONAL ARROW W16-7pL (24"x12") LEFT DIAGONAL ARROW	Phase 4R- 4R- R R R R R R Y Y Y Pre- Emption Change 4R- 4R- R R R R R Y Y Y	
VIDEO CAMERAS SHALL PROVIDE PRESENCE DETECTION; STREET NAME SIGNS	2 EA	D-3(1) (16"xVAR) "CAMPUS WAY SOUTH" D-3(1) (16"xVAR) "LARGO ROAD"	Flashing Operation FL/RA FL/RA FL/RA FL/Y FL/Y FL/RA FL/Y FL/Y FL/Y FL/R FL/R FL/R	FL/R FL/R DARK DARK DARK DARK DARK DARK
VIDEO CAMERAS SHALL PROVIDE PRESENCE DETECTION; STREET NAME SIGNS SHALL BE UPDATED TO CURRENT STANDARDS. THE INTERSECTION HAS BEEN ADJUSTED TO BE ADA COMPLIANT.	Z EA		W	IRING DIAGRAM
SPECIAL NOTES:		STITLED ASSEMBLY STONS CONSTSTING OF	Z AA BB	
	1 EA	M1-5(6) (51"x30") POLE-MOUNTED "NORTH, MD 202, LEFT ARROW"	Z,AA,E	3B
1.APS WILL FUNCTION AS FOLLOWS:	1 EA	M1-5(6) (51"x30") POLE-MOUNTED "NORTH, MD 202, LEFT ARROW"	FIREHOUSE PUSHBUTTONS HH	3 E TOD NO: XX351-15
FUR MD 202 (LARGU RUAD) - NURTH LEG A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED	1 EA	M1-5(6) (72"x48") POLE-MOUNTED "NORTH, MD 202, RIGHT ARROW"		SHA NO: PG769A5D/K5D MD 202 @ Campus Way South
FOR MD 202 (LARGO ROAD) — NORTH LEG A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE: "WAIT TO CROSS LARGO AT CAMPUS WAY SOUTH, WAIT" B. WHEN WALK PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE.	1 EA	M1-5(6) (72"x48") POLE-MOUNTED	HHz,	AA,BB
WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE.	G	"NORTH, MD 202, RIGHT ARROW"	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	J
		IST 'B'	a,b,c,d,e,f, HH——————————————————————————————————	
FOR CAMPUS WAY SOUTH - EAST AND WEST LEG A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE: "WAIT TO CROSS CAMPUS WAY SOUTH AT LARGO, WAIT" B. WHEN WALK PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE.	B. EQUIPMENT	TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.	F.G.H.J.L.M., N.O.P.JJ.NN.OD. PP.RR,SS,TT,UU,W R.S.T.U.V.W.	
B. WHEN WALK PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK WHICH WILL LAST FOR THE DURATION OF THE WALK PHASE.	ITEM QUANT	<u>ITY</u> DESCRIPTION	X.Y.S.Z.AA.BB, CC, DD, EE FF, GG, JJ, KK, LL	D.f.F.J.
	<u> </u>		J.R.S.T.U.V. W.Z.AA,BB,CC, DD,EE,F.GG,JJ, KK,LL,NN,OO.	K,Ľ,Ú,Ň
CONTROL UNIT FOR CONTROLLER TO THE SHA SIGNAL SHOP AT 7491	1003 2 E		KKILINNOO. PP.RR,SS,TT, JJ T.Z.AA. BB,JJ,PP	J.K.L MD 202
2. THE CONTRACTOR SHALL PURCHASE AND DELIEVER THE "APS" CENTRAL CONTROL UNIT FOR CONTROLLER TO THE SHA SIGNAL SHOP AT 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. MR. EDWARD RODENHIZER AT 410-787-7652 SHALL BE CONTACTED AT LEAST THREE DAYS PRIOR TO DELIVERY.	2002 3 C 5004 100		MD 202 G.H.M.N.O.P. X.Y.J.J.ÜÜ	(LARGO ROAD)
' BELLIVER OF BELLIVER OF STREET		THERMOPLASTIC PAVEMENT MARKINGS	(LARGO ROAD) J.R.S.W.CC, DD.EE.FF.GG, KK,LL,TT,RR,SS	FF FF
PROJECT CONTACTS:	5006 100	LF 5" WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS	b,B,J,K	B,J,K OFFECC
1. THE FOLLOWING ARE THE CONTACT PERSONS FOR THIS PROJECT:	5007 100	LF REMOVAL EXISTING PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS	TO DD	K JJ,KK,RR,UU EE,FF, GG,KK EE,FF.
	6002 580	SE 5" CONCRETE SIDEWALK	CC,DD, CC,DD,	M C,M N,Ö,P,JJ,ÜÜ GĞ,KK
MS. FELECIA MURPHY, ASSISTANT DISTRICT ENGINEER — TRAFFIC PHONE: (301) 513-7358	8004 2 E	A ADJUST EXISTING HANDHOLE TO GRADE W/ COLLAR	ECT TO R WAY	INTERCONNECT T P.G. COMMUNITY O,N COLLEGE ENTRAN
MR. KEVIN NOWAK, ASSISTANT DISTRICT ENGINEER — CONSTRUCTION	8006 2 E	A ANY SIZE LIGHTING ARM ON SIGNAL STRUCTURE WITH 250 WATT HPS LUMINAIRE	CC,DD	$M = \begin{pmatrix} c & a.e. & N \\ D.O & a.e. & A & B.O \end{pmatrix}$
PHONE: (301) 513-7385	8007 1 E		d,G,H, R,W,JJ, SS,TT	c,C,M e,D e,E
MR. VERNON STINNETT, ASSISTANT DISTRICT ENGINEER — MAINTENANCE PHONE: (310) 513-7304	8008 1 E		SS,11 d,G,H A,G,H	Y,JJ,ŘR B
MR. VICTOR GRAFTON, UTILITY ENGINEER	8013 1 E			E B
PHONE: (310) 513-7350	8017 1 E 8018 1 E		W,JJ,11—————————————————————————————————	S,JJ,RR RR
MR. RICHARD DAFF, SR., CHIEF - TRAFFIC OPERATIONS DIVISION	8020 5 E		H,JJ,SS—————————————————————————————————	H XY
PHONE: (410) 787-7630	8021 1 E	A REMOVE & DISPOSE MATERIAL & EQUIPMENT PER JOB	. §s D R	
MR. EDWARD RODENHIZER, CHIEF - SIGNAL SHOP PHONE: (410) 787- 7652	8024 1 E		WIRING KEY	
MR. SONNY BAILEY, CHIEF - SIGN SHOP	8025 6 E		a.b.c.d - VIDEO DETECTION CAMERA WITH 3 CONDUCTOR e.f NO. 18 AWG LEAD-IN CABLE	LI LI / K
PHONE: (410) 787- 7676	•	LF DISCONNECT, PULL-BACK & RE-ROUTE EXIST. CABLES LF SCHEDULE 80 RIGID PVC CONDUIT UP TO 4" - SLOTTED	A.B.C.D. 5 CONDUCTOR NO. 14 AWG ELEC. CABLE (JUMPER)	/ SE
THE POWER COMPANY REPRESENTATIVE:		LF SCHEDULE 80 RIGID PVC CONDUIT UP TO 4" - TRENCHED	F.G.H.J 7 CONDUCTOR NO. 14 AWG ELEC. CABLE	NO SO
POTOMAC ELECTRIC POWER COMPANY	8036 164	LF WOOD SIGN SUPPORTS UP TO 4" X 6"	K,L,M,N,	<u>x</u> xy 5
8300 OLD MARLBORO PIKE Upper Marlboro, MD 20772	8037 66		R.S.T.U EXISTING COUNTDOWN SIGNAL WIRING	
(301) 961-5325	8038 203	S F INSTALL OVERHEAD OR GROUND MOUNTED SIGNS INCLUDING HARDWARE	X,Y,Z,AA, - PROPOSED NON-INVASIVE PROBE LEAD-IN	STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION
2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING	8040 500	LF NO. 6 AWG STRANDED BARE COPPER GROUND WIRE	BB	STATE HIGHWAY ADMINISTRATION
THE STANDARD PLATES FOR TRAFFIC CONTROL FROM SECTION MD 104.00 OF THE SHA BOOK OF STANDARDS FOR HIGHWAYS & INCIDENTAL STRUCTURES.	8042 1 E	A METERED SERVICE PEDESTAL EMBEDDED (100 OR 200 AMP)	CC,DD,EE,- EXISTING NON-INVASIVE PROBE LEAD-IN FF.GG	TRAFFIC ENGINEERING DESIGN DIVISION
3. CONTRACTOR SHALL NOTIFY MR. ED RODENHIZER, SIGNAL SHOP SUPERVISOR,	8045 80		HH - 3 CONDUCTOR NO. 14 AWG ELEC. CABLE (FIREHOUSE PUSHBUTTON)	MD 202 (LARGO ROAD) AT CAMPUS WAY SOUTH
72 HOURS IN ADVANCE OF THE START OF ANY SIGNAL WORK.	8046 2 E		JJ - NO. 6 AWG STRANDED BARE COPPER GROUND WIRE	KETTERING, MD
EQUIPMENT LIST 'C'	8050 49		KK,LL - EXISTING INTERCONNECT CABLE TO BE PULLED- BACK; RE-ROUTE TO NEW CONTROLLER	GENERAL INFORMATION SHEET
TTTCFNTIIRY	8055 150	LF ELECTRICAL CABLE 3-CONDUCTOR NO. 14 AWG	MM - 1 CONDUCTOR NO. 8 AWG=THHN/THWN ELEC. CABLE	SCALE 1" = 20' ADVERTISED DATE FEBRUARY 2011 CONTRACT NO. XX3515168
AND ALL AUXILIART EQUIPMENT FROM THE		LF ELECTRICAL CABLE 5-CONDUCTOR NO. 14 AWG	NN,00,PP,- EXISTING PUSHBUTTON WIRING RR,SS,TT	DESIGNED BY ENB COUNTY PRINCE GEORGE'S
CONSULTING ENGINEERS - PLANNERS 10710 GILROY ROAD CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE		O LF ELECTRICAL CABLE 7- CONDUCTOR NO. 14 AWG O LF ELECTRICAL CABLE 2-CONDUCTOR NO. 14 AWG TC	UU.VV - 2 CONDUCTOR NO. 12 AWG ELEC. CABLE TYPE TC	DRAWN BY LOGMILE16020205.77
HUNT VALLEY, MD 21031 CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.	8065 1 E		PES - PROPOSED ELECTRICAL SERVICE	CHECKED BY NR GOTO TIMS NO. K-044 F.A.P. NO. TOD NO.
	8066 1 E		PPD — PROPOSED PHONE DROP	TS NO. 814 D-GI DRAWING SG-2 OF 2 SHEET NO. 2 OF 2
Revision 'D' CEI # 26265.20			- GROUND ROD (3/4" DIA × 10' LENGTH) PLOTTED: Friday, February 25, 2011 AT 11:16 AM	
			FLOTTED: Friday, February 26, 2011 AT 11:16 AW FILE: J:\DATA\K044\PSE_Submittal\pSG_P002_MD20	02Campusway.dgn